

# ABSTRACT

In known methods and devices, image data of an interesting volume are acquired by means of a suitable imaging method, with the acquired image data being segmented in a manual, semi-automated or fully automated fashion, and with dimensional information on the interesting volume being automatically determined from the segmented image data.

In order to improve the usability of the automatically determined dimensional information, in particular, to increase its accuracy, at least one characteristic value is assigned to the steps in which the image data is acquired and segmented, with said characteristic value representing a measure for the error occurring in these steps. Subsequently, an error value is determined from the assigned characteristic value in the form of a measure for the error occurring in the determination of the dimensional information, and the error value is displayed or output, respectively.